

# BC-5640H: 12.7mm SLOT Blu-ray COMBO SATA

- ❑ Slot Loading Mechanism
- ❑ Max. 6x BD read
- ❑ Max. 8x DVD+/-R read/write
- ❑ Multi-Format: BD-R, BD-R DL, BD-RE, BD-RE DL, DVD+/-R, DVD+/-R DL, DVD+/-RW and DVD-RAM
- ❑ Buffer Under Run Protection
- ❑ Bus Encryption Support
  - ❑ BC-5640H-03



| BC-5640H Specification     |                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Models                     | BC-5640H                                                                                                                                                                                                                                                                                                                                                                                                 |
| Interface                  | Serial-ATA (S-ATA)                                                                                                                                                                                                                                                                                                                                                                                       |
| Bezel Color                | Black                                                                                                                                                                                                                                                                                                                                                                                                    |
| Disc Loading Method        | SLOT loading mechanism for horizontal and vertical use                                                                                                                                                                                                                                                                                                                                                   |
| Max. Transfer Rate (Read)  |                                                                                                                                                                                                                                                                                                                                                                                                          |
| BD                         | 6X                                                                                                                                                                                                                                                                                                                                                                                                       |
| DVD                        | 8X                                                                                                                                                                                                                                                                                                                                                                                                       |
| CD-ROM                     | 24X                                                                                                                                                                                                                                                                                                                                                                                                      |
| Max. Transfer Rate (Write) |                                                                                                                                                                                                                                                                                                                                                                                                          |
| DVD+/-R                    | 8X                                                                                                                                                                                                                                                                                                                                                                                                       |
| DVD+/-R DL                 | 6X                                                                                                                                                                                                                                                                                                                                                                                                       |
| DVD+RW / DVD-RW            | 8X / 6X                                                                                                                                                                                                                                                                                                                                                                                                  |
| DVD-RAM                    | 5X                                                                                                                                                                                                                                                                                                                                                                                                       |
| CD-R                       | 24X                                                                                                                                                                                                                                                                                                                                                                                                      |
| CD-RW                      | 16X                                                                                                                                                                                                                                                                                                                                                                                                      |
| Supported Media Formats    | BD-ROM, BD-ROM DL, BD-R, BD-R DL, BD-R (LTH), BD-RE, BD-RE DL, DVD-ROM, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW, DVD-RAM, CD-Audio, CD-ROM (Mode 1 and mode 2), CD-ROM XA (Mode 2, form 1 and form 2), Photo CD (Single and multiple sessions), CD Extra, CD-TEXT, CD-R and CD-RW discs. Playback CD-I, Video-CD, DVD-Video and BD-AV with special function, such as hardware/software decoders |
| Buffer Memory Capacity     | 4.5 Mbyte                                                                                                                                                                                                                                                                                                                                                                                                |
| Access Time (Random)       | BD Medium: 230ms, DVD Medium: 180ms, CD Medium: 190ms                                                                                                                                                                                                                                                                                                                                                    |
| Dimensions (W x H x D)     | 128mm x 12.7mm x 126.1mm<br>5.04in x 0.50in x 4.96in                                                                                                                                                                                                                                                                                                                                                     |
| Weight                     | Approx. 160g (w/o bezel)<br>0.35 lbs                                                                                                                                                                                                                                                                                                                                                                     |